

FEATURES

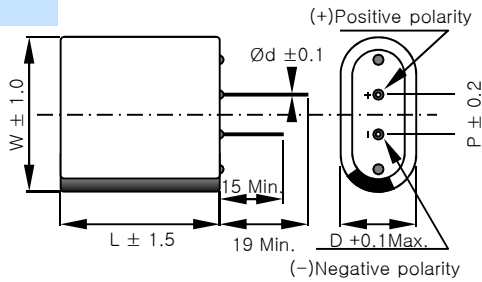
2 units serially connected to provide 6.0V products

Lead terminal type

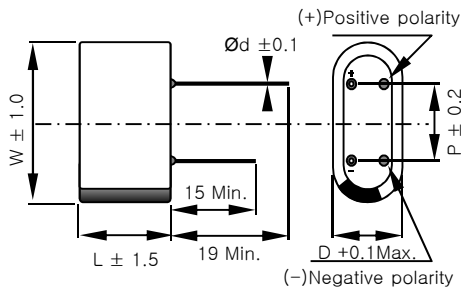
2-Pin terminal type according to customer's requirement

Drawing

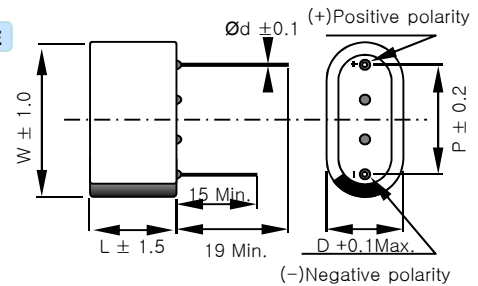
I TYPE



H TYPE



O TYPE



D = 8.5mm

TYPE	I	O	H
P	4.7	12.3	8.5

D = 10.5mm

TYPE	I	O	H
P	5.5	15.5	10.5

SPECIFICATION

ITEM		CHARACTERISTICS
Rated Voltage (V_R)		6.0 V
Operating Temperature		-40 ~ +65°C
Capacitance Tolerance		-10 ~ +30%
High Temp. Load Life	Measure	After 1,000 hours at V_R loaded under +70°C, capacitors meet the following criteria.
	Cap. Change	
	ESR Change	100% increase from specified value
85°C Higher Temperature		Max. 4.2V
Cycle Life Characteristics	Cycle	500,000
	Cap. Change	≤ 30% of initial value
	ESR Change	100% increase from specified value
	Condition	Cycle of Charge/discharge from V_R to $1/2V_R$
Shelf Life		2 years No Electrical Charge, Temperature Below 70°C (ΔC : ≤10% of initial value / ΔESR : ≤ 50% of initial value)

Part Number	Rated Voltage (V)	Capacitance (F)	ESR (mΩ)		Max. Current (A)	Leakage Current (mA, 72hr)	Size (mm) D × W × L	Weight (g)	Volume (ml)
			AC(1kHz)	DC					
VEC6R0504QG	6.0	0.5	295	445	1.0	0.003	8.5×17×15.5	2.5	2.2
VEC6R0155QG		1.5	125	215	3.5	0.010	8.5×17×22	3.3	3.2
VEC6R0255QG		2.5	135	205	5.0	0.015	10.5×21×22.5	4.7	5.0
VEC6R0505QG		5.0	65	95	10.0	0.030	10.5×21×32	6.6	7.1

* Max. Current : 1 sec. discharge to $1/2V_R$

* When do module more than 2 series, please fully discharge over 1 hour first, then assemble right after within 1 hour.